Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050721\
Data File : BN014541.D
Acq On : 07 May 2021 15:48
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Manual Integrations APPROVED
mohammad
5/11/2021 12:50:33 PM

Quant Time: May 07 16:24:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 14:41:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.756	152	738	0.40	ng		# 0.00
7) Naphthalene-d8	10.543	136	2429	0.40	ng		# 0.00
13) Acenaphthene-d10	14.397	164	1608	0.40	ng		0.00
19) Phenanthrene-d10	17.153	188	3520	0.40	ng		# 0.00
29) Chrysene-d12	21.345	240	4326	0.40	ng		# 0.00
35) Perylene-d12	23.626	264	4164	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	6383	5.01	ng		0.00
5) Phenol-d6	6.919	99	9014	6.10	ng		0.00
8) Nitrobenzene-d5	8.895	82	6779	4.13	ng		-0.01
11) 2-Methylnaphthalene-d10	12.137	152	18956	5.33	ng		0.00
14) 2,4,6-Tribromophenol	15.894	330	2466	6.47	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	19580	3.39	ng		-0.01
27) Fluoranthene-d10	19.188	212	50554	5.55	ng		0.00
31) Terphenyl-d14	19.794	244	35261	3.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	2793	3.38	ng		93
3) n-Nitrosodimethylamine	3.625	42	1270m	3.23	ng		
6) bis(2-Chloroethyl)ether	7.185	93	6841	4.13	ng		95
9) Naphthalene	10.593	128	21081	3.46	ng		99
10) Hexachlorobutadiene	10.885	225	5083	4.21	ng	#	98
12) 2-Methylnaphthalene	12.213	142	15027	3.93	ng	#	93
16) Acenaphthylene	14.118	152	21618	3.36	ng		98
17) Acenaphthene	14.460	154	14577	3.28	ng		97
18) Fluorene	15.450	166	18882	3.52	ng		99
20) 4,6-Dinitro-2-methylph...	15.526	198	1270	5.72	ng	#	1
21) 4-Bromophenyl-phenylether	16.349	248	7454	4.17	ng		97
22) Hexachlorobenzene	16.459	284	7335	2.91	ng		93
23) Atrazine	16.617	200	5155	5.19	ng		97
24) Pentachlorophenol	16.800	266	2613	7.51	ng	#	41
25) Phenanthrene	17.189	178	31137	3.25	ng		99
26) Anthracene	17.286	178	29137	4.00	ng		99
28) Fluoranthene	19.218	202	40295	3.92	ng		98
30) Pyrene	19.580	202	40721	2.98	ng		99
32) Benzo(a)anthracene	21.335	228	42980	4.21	ng		98
33) Chrysene	21.377	228	43279	3.22	ng		98
34) Bis(2-ethylhexyl)phtha...	21.282	149	14766	3.44	ng	#	79
36) Indeno(1,2,3-cd)pyrene	25.940	276	53303	3.70	ng	#	90
37) Benzo(b)fluoranthene	22.941	252	46330	3.44	ng	#	92
38) Benzo(k)fluoranthene	22.989	252	44922	2.67	ng	#	94
39) Benzo(a)pyrene	23.530	252	40608	3.05	ng	#	85
40) Dibenzo(a,h)anthracene	25.960	278	46200	4.00	ng	#	91
41) Benzo(g,h,i)perylene	26.645	276	44848	3.14	ng	#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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